

## **SRS ALARA CENTER (AC) MAY 2006 ACTIVITY REPORT**

### **ASSISTANCE, DEMONSTRATIONS, RESEARCH, AND TOURS**

Ellen Parrish has been appointed the SRS Site ALARA Coordinator and will also provide support to the ALARA Center. Ellen has been employed at SRS for 25 years and brings a wealth of Radiological Controls Operations (RCO) experience to the site ALARA Program. Ellen is currently completing a temporary assignment in the Savannah River National Laboratory (SRNL) and will report to her new assignment in June 2006.

The external SRS ALARA Center website is posted at <http://www.srs.gov/general/programs/alara>. The internal SRS ALARA Center website is available in ShRINE by performing a quick search on ALARA or ALARA Center.

The “New” PPE Database describes personal protective and safety equipment available at SRS on the ALARA Program website available in ShRINE by performing a quick search on ALARA or ALARA Program.

The FLOUR Hanford ALARA Center website is available at [www.hanford.gov/rl/?page=973&parent=0](http://www.hanford.gov/rl/?page=973&parent=0)

The ALARA Center provided Solid Waste with information on The Rust Doctor to combat rust on roll-off pans. [www.therustdoctor.com](http://www.therustdoctor.com). Dust-free surface preparation tools may be needed to remove the rust if there is excessive buildup.

The ALARA Center ordered six Kestrel 1000 vane anemometers to be for calculating air flow in accordance with Radcon Use of Vane Anemometers (CBU-SHP-2006-00005).

The ALARA Center received various sizes of Safety Toes for F Area Tank Farm evaluation for potential use by visitors who don't meet the requirement to enter areas where steel toe shoes are required. The Safety Toe is made of 100% T.P. rubber and is designed to fit tightly over existing shoes, providing a solid steel cap to protect the toes against accidental crushing or stubbing. [www.safetytoes.com/productinfo.asp](http://www.safetytoes.com/productinfo.asp)

The Site ALARA Coordinator was provided an information bulletin on the implementation of the Unitrek rubber overshoes to forward to the facility ALARA Coordinators. WSRC Manual 5Q1.2, Procedure 231, *Selecting Protective Clothing and Equipment*, has been revised to permit the use of Unitrek rubber overshoes.

The ALARA Center ordered ten G/O Corp magnetized wall receiver units and ten regular wall receiver units for stanchions in the Tritium Extraction Facility (TEF). [www.gocorp.com](http://www.gocorp.com)

The ALARA Center recommended and ordered two Electric 4.5" Grinders w/ floating dust collect Systems (part number 9150.227 includes case and 20 pads). Also a case of BPH disk (part number 810.426) for removal of rust from stainless steel 4 ft. by 8 ft. sheets. [www.descomfg.com](http://www.descomfg.com)

The ALARA Center participated in the Savannah River National Laboratory Safety and Security Awareness Day by having a tabletop display of various items from the ALARA Center.

The ALARA Center ordered seven 2 ft. by 3 ft. lead blankets for Waste Management Area Projects. The blankets will be mounted on the F-Canyon TRU repackaging enclosure for shielding purposes.

The ALARA Center continues to assist a site committee tasked to determine personnel gloves for TRU waste drum processing. For processes using a glove box hypalon 15-mil dry glove box gloves will be used. A linemans leather glove with orange rubber cuff will be worn over the hypalon for additional protection. The worker will wear a cloth glove liner, surgeon's glove, and Ansell Vantage kevlar glove (for additional cut protection). A Turtleskin Full Coverage Aramid Plus glove is being investigated as a possible replacement for the linemans leather glove and Ansell kevlar glove.

## **NEW VENDOR INFORMATION AND VISITS**

The ALARA Center received the following RAdCO air monitoring equipment from [www.frhamsafety.com](http://www.frhamsafety.com)

- High volume portable air sampler, Part # H-809VI
- High volume portable air sampler, Totalizer, Part # H-810DC
- High volume portable air sampler, Totalizer, Part # H-810
- Low volume portable air sampler, constant flow 0.5-3.5 CFM, Part # HD-29
- Low volume portable air sampler, constant flow, 1-7 CFM, Part # H-66

## **UPCOMING VENDOR DEMONSTRATIONS**

The 2006 ALARA WORKSHOP will be hosted by CH2M Hill Hanford Group Inc. at Richland WA, July 18 & 19. Contact Owen Berglund or Lee Livesey (509-308-7650 or 509-376-9035). SRS will send six people to the workshop and make four presentations.

John Shannon, NFS, 6/27/06

River Technologies Tank Cleaning & Product Removal, 7/12/06

## **POINT OF CONTACT**

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